

Title (en)
VASOOCCLUSIVE COIL

Title (de)
GEFÄSSVERSCHLIESSENDE SPIRALEINRICHTUNG

Title (fr)
ENROULEMENT POUR OCCLUSION VASCULAIRE

Publication
EP 1105053 B1 20081231 (EN)

Application
EP 99945176 A 19990825

Priority
• US 9919308 W 19990825
• US 13925898 A 19980825

Abstract (en)
[origin: US7070608B2] The vasoocclusive coil has a primary coil configuration with a helical loop at at least one end. The terminal helical loop can have a J-shaped configuration, preferably with a loop diameter of about 2 mm. The coil is preferably provided with helical loops at both ends, with helical loop at the proximal and distal ends of the coil acting as an anchor to prevent the coil from coming free from the location being treated and escaping into the vasculature. In a presently preferred embodiment both ends of the coil have a J-shape. In another presently preferred aspect, the vasoocclusive coil includes one or more loops intermediate the ends of the coil. The device is formed from a multi-stranded micro-cable having a plurality of flexible strands of a shape memory material and at least one radiopaque strand. The strands can be made of a shape memory nickel titanium alloy, that is highly flexible at a temperature appropriate for introduction into the body via a catheter, and that after placement will take on the therapeutic shape.

IPC 8 full level
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CPC (source: EP US)
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WO 0010469 A1 20000302; **WO 0010469 A9 20000908**; AT E418919 T1 20090115; AU 5784399 A 20000314; DE 69940201 D1 20090212; EP 1105053 A1 20010613; EP 1105053 B1 20081231; JP 2002523125 A 20020730; JP 4074432 B2 20080409; US 2002016613 A1 20020207; US 2004093022 A9 20040513; US 6136015 A 20001024; US 6306153 B1 20011023; US 7070608 B2 20060704

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